

## Practitioner's Docket No. <u>U 012799-1</u>



Preliminary Classification: Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. Section 601, 7th ed.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Box Patent Application** Assistant Commissioner for Patents Washington, D.C. 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

- ANAND C. BURMAN
- SUDHANAND PRASAD 2. RAMA MUKHERJEE
- 3. MANU JAGGI
- 4. ANU T. SINGH
- ARCHNA MATHUR

WARNING:

37 C.F.R. Section 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.63, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(I) is filed supplying or changing the name or names of the inventor or inventors."

BOMBSIN ANALOGS FOR TREATMENT OF CANCER For (title):

Reg. 56,439, at 56,442

CERTIFICATION UNDER 37 C.F.R. 1.10\*

(Express Mail label number is mandatory.) (Express Mail certification is optional)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date July 31, 2000, in an envelope as "Express Mail Post Office to Addressee", mailing Label Number EL386270297US+, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

GERALDINE MARTI

nt name of person mailing paper

Signature of person mailing paper Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b). "Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for

waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. (New Application Transmittal--page 1 of 12) 4-1

WARNING:

\*WARNING:

#### 1. Type of Application

This new application is for a(n)

(check one applicable item below)

	[]	Original (nonprovisional)
	[ ]	Design
	[1]	Plant
y ARNI.	NG:	Do not use this transmital for a completion in the U.S. of an International Application under 35 U.S.C 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
VARNI.	NG:	Do not use this transmittal for the filing of a provisional application
NOTE:		the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION MITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN FAPPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
	f 1	Divisional.
	ii	Continuation.
	[X]	Continuation-in-part (C-I-P).
2.	Benefi	t of Prior U.S. Application(s) (35 U.S.C. Sections 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U S C. Section 112. Each prior application must also be:

(1) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America, or

(ii) Complete as set forth in Section 1.51(b); or

(iii) Entitled to a filing date as set forth in Section 1.53(b) or Section 1.53(d) and include the basic filing fee set forth in Section 1.16; or

(iv) Entitled to a filing date as set forth in Section 1-53(b) and have paid therein the processing and retention fee set forth in Section 1-21(l) within the time period set forth in Section 1-53(f)

37 C.F.R. Section 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following tem and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. WARNING:

application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-1-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at

20.205.

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. Section 1 78(a)(3).

The new application being transmitted claims the benefit of prior U.S. application(s). [X] Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

#### Papers Enclosed 3.

WARNING:

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	Lapers	Eliciosea
	A.	Required for Filing Date under 37 C.F.R. Section 1.53(b) (Regular) or 37 C.F.I Section 1.153 (Design) Application
		21 Pages of Specification 3 Pages of Claims — Sheets of Drawing
4RNIN	NG:	DO NOT submit original drawings. A high quality copy of the drawings should be supplied when fills a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shruy paper and meet the standards according to Section 1.8.4 If corrections to the drawing are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office Only one copy is required or desired. For comments or proposed then-me 37 C.F.R. 1.84, see Notice of March 9, 1988. (1990 O.G. 57-62).
OTE:	name, a	ying indicia, if provided, should include the application number or the title of the invention, inventor's locket number (if any), and the name and telephone number of a person to call if the Office is unable to the drawings to the proper application. This information should be placed on the back of each sheet of a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page "37 C.F.R. Section 1 84(c)
		(complete the following, if applicable)
	[]	The enclosed drawing(s) are in color, and there is also attached a "PETITION TO ACCEPT COLOR DRAWING(S)." 37 C.F.R. Section 1.84(b).
	[]	Formal Informal
	В.	Other Papers Enclosed Pages of declaration and power of attorney Pages of Abstract Other

#### Additional Papers Enclosed Amendment to claims $\Gamma$ Cancel in this applications claims \_\_\_\_\_ before calculating the filing fee. 1.1 (At least one original independent claim must be retained for filing Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.) Preliminary Amendment [X]Information Disclosure Statement (37 C.F.R. Section 1.98) [X] Form PTO-1449 (PTO/SB/08A and 08B) [X] [X]Declaration of Biological Deposit fSubmission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino LX1 acid sequence. Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments 1.1 Other f 1 Declaration or Oath (including power of attorney) 5. NOTE: A newly executed declaration is not required in a continuation or divisional application provided the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under Section 1.47 then a copy of that declaration must be filed accompanied by a copy of the decision granting Section 1.47 status or, if a nonsigning person under Section 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. Section 1.63(d)(1)-(3). NOTE: A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. Section 1.63(a)(1)-(4). NOTE: A The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.62, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(1) is filed supplying or changing the name or names of the inventor or inventors. 37 C.F.R. Section 1.41(a)(1). Enclosed [ ]Executed by (check all applicable boxes) legal representative of inventor(s). 37 C.F.R. Section 1.42 or 1.43. $f \cdot 1$ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.

This is the petition required by 37 C.F.R. Section 1.47 and the statement required by 37 C.F.R. Section 1.47 is also attached. See

item 13 below for fee.

### [X] Not Enclosed.

NOTE: Where the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WIERE RENEET OF PRIOR U.S. APPLICATION CLAIMED.

[X] Application is made by a person authorized under 37 C.F.R. 1.41 on behalf of all the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 C.F.R. Section 1.16(e). can be filed subsequently).

[ ] Showing that the filing is authorized.
(not required unless called into question. 37 C.F.R. Section 1.41(d))

### 6. Inventorship Statement

WARNING: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.

The inventorship for all the claims in this application are:

. ]	The same.
	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,  [ ] is submitted.  [ ] will be submitted.

## 7. Language

NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. Section 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. Section 1.37(k).

[X]	Engli:	sh
[ ]	Non-l	English
	[]	The attached translation includes a statement that the translation is accurate 37 C.F.R. Section 1.52(d).

	Assignment								
	[X]	An assignment of the invention toDABUR RESEARCH FOUNDATION_							
		[]	is attached. A separate [ ] "CO MENT) ACCOMPANYING N FORM PTO 1595 is also attach	EW PATENT	FOR ASSIGNMENT (DOCU- APPLICATION" or [ ]				
		[X]	will follow. has been recorded at Reel	. Frame	on				
NOTE.	"If an o	assignme	it is submitted with a new application, ser nt" Notice of May 4, 1990 (1114 O.G. 77	ud two separate le. -78).	tters-one for the application and one				
WARN	ING:	A new m-par	ly executed "STATEMENT UNDER 37 C application is filed by an assignee Noti	F.R Section 3.730 ce of April 30, 199	b)" must be filed when a continuation- 13, [150 O.G. 62-64]				
9.	-	fied Co	py py(ies) of application(s)						
			147/DEL/200	n	24 <sup>TH</sup> FEBRUARY 2000				
	<u>INDI</u> Co	A ountry	Appln.		Filed				
	Co	ountry	Appln.	no.	Filed				
	Co	ountry	Appln	no.	Filed				
from	[ ] [X] [ ]	is (a will was	is claimed re) attached. follow. filed in parent application plication forming the basis for the claim.		e referred to in the oath or declaration				
	37 C.	F.R. Sect	ion 1.55(a) and 1.63.						

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

- 10. Fee Calculation (37 C.F.R. Section 1.16)
  - A. [X] Regular application

	CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. Secti 1.16(a) \$690.00	
Total Claims (37 C.F.R. Section 1.16(c))	20	- 20 =	x	\$ 18.00		
Independent C (37 C.F.R. Sec 1.16(b))		- 3 =	х	\$ 78.00		
Multiple Depe Claim(s), if ar (37 C.F.R. Sec 1.16(d))	ıy		+	\$260.00		

Amendment deleting multiple-dependencies is enclosed.
Fee for extra claims is not being paid at this time.

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency, 37 C.F.R. Section 1.16(tl).

C.F.R. Sec	euon 1.16(d).	Filing Fee Calculation	\$690.00_	
В.	Design application (\$310.0037 C.F.R. Section	1.16(f)) Filing Fee Calculation	\$	
C.	[ ] Plant application (\$480.0037 C.F.R. Section	1.16(g)) Filing Fee Calculation	\$	

11.	Sn	nall E	ntity Statement(s)				
	[ ]	1	Statement(s) that this is is (are) attached.	a filing l	by a small entity under 3	7 C.F.R. Section 1.9 and 1.27	
WARNING:  WARNING:			"Status as a small entity must be specifically established in each application or patent in which the status as a small entity in one application or patent does not affect any other asynchron or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. The refliting of an application inder Section 1.53 as a communition, or communition-in-part (including a continued prosecution application inder Section 1.53(d), or the filing of a reissue application requires a new determination as to continued intellements. Section 1.53(d), or the filing of a reissue application requires a new determination as to continued cultuming benefit under 35 U.S.C. 119(e), 120, 121, or 363(c) of a prior application, or a reissue application or making benefit under 35 U.S.C. 119(e), 120, 121, or 363(c) of a prior application, or a reissue application or indicates a capplication includes a reference to the statement in the prior application or in the patent of the resistency of the statement in the prior application or in the patent of the state of the state of the patent of the patent of the state of the st				
			(comp	lete the f	ollowing, if applicable)		
[]		1	Status as a small entite, filed for this application un	d on	timed in prior application	n which benefit is being claimed	
			35 U.S.C. Section	[] [] []	119(e) - provisional, 120 - continuation, 121 divisional, 365(e) - PCT,		
			and which status as a	small er	itity is still proper and de	esired.	
					ent in the prior application		
			Filing Fee Calculation	on (50% o	of A, B or C above)	\$	
NO	TE:	months				olished refund request are filed within 2 not extendable under Section 1.136. 37	
12. Request for International-Type Search (37 C.F.R. Section 1.104(c				1.104(d))			
					lete, if applicable)		
		[]	Please prepare an in national examination	iternation on the	al-type search report for merits takes place.	this application at the time whe	

3.	Fee P	ayment B	eing Made at This Time	
		Not En	closed	
		[]	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. Section subsequently.)	ı 1.16(e) can be paid
	[X]	Enclos	ed	
		[X]	Filing fee	\$690.00_
		[]	Recording assignment (\$40.00; 37 C F R, Section 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. Sections 1.47 and 1.17(I))	s
		[]	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. Sections 1.52(d) and 1.17(k))	\$
		[]	Processing and retention fee (\$130.00; 37 C.F.R. Sections 1.53(d) and 1.21(l))	\$
		[]	Fee for international-type search report (\$40.00; 37 C.F.R. Section 1.21(e))	\$
NOTE	to co 1.5. mus	omplete the a	n 1.21(1) establishes a fee for processing and retaining any application pplication pursuant to 37 C.F.R. Section 1.53(f) and this, as well as the (1), indicate that in order to obtain the benefit of a prior U.S. application the processing and retention fee of Section 1.21(f) must be paid, within	ion either the basic filing fee

Total Fees Enclosed

13.

690.00

15. Authorization to Charge Additional Fees  WARNING: If no fees are to be paid on filing, the following items should not be completed.  Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.  [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 12-0425.  [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), trigible be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section for a extension of time fine fees will be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.136(a)(1) (18 (issue fee at or		[]	Charge Account No in the amount of \$  A duplicate of this transmittal is attached.
1.52(b)  1.5. Authorization to Charge Additional Fees  WARNING: If no fees are to be paid on filing, the following tiems should not be completed.  WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.  [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 12-0425.  [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments offer final action  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section filme for the appropriate length of time. An authorization to treat any concurrent or future reply requiring a petition for an extension of time to a nextension of time fees will be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fees set forth in Section 1.17(a) will so be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.13(a)(3).			
WARNING: If no fees are to be paid on filing, the following items should not be completed.  Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.  [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No12-0425.  [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.16 (e) (an an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for an extension of time under this paragraph for its imply submission of future reply requiring a petition for an extension of time under this paragraph for its timely submission in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission in any concurrent reply requiring a petition for an extension of time under this paragraph for its ti	OTE		add be ttemized in such a manner that it is clear for which purpose the fees are paid 3. C. r. n. section
### ARNING:  Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.  [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No12-0425  [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  **NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time fees will be treated as a constructive petition for an extension of time in all 1.17 or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.  37 C.F.R. Section 1.13(a)(3).	5.	Autho	
[X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 12-0425  [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any natice of fee deficiency (37 C.F.R. Section 1.16(d)), imaging the bests not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.16(a) (a) (a) (a) (a) (a) (b) (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	WARNI	NG:	If no fees are to be paid on filing, the following items should not be completed.
paper and during the entire pendency of this application to Account to Section [X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  [J 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)  NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [J 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [J 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petitor for extension of time fees will be treated as a constructive petition for an extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or fibrare reply requiring a petition for an extension of time in any concurrent reply requiring a petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.  1.11, or all required sets forth in Section 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.  37 C.F.R. Section 1.136(a)(3).	WARNI	ING:	Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.
NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [1] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filling fee and/or declaration on a date later than the filling date of the application)  [3] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [4] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section 1.17(a) and required cuerosin of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fees afforth in Section 1.17(a) all also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.136(a)(3).		[X]	The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 12-0425.
NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any natice of fee deficiency (37 C.F.R. Section 1.16(a)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time under this paragraph for the proportical length of time. An authorization to charge all required fees, fees under Section for extension of time pees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. 3T C.F.R. Section 1.136(a)(3).			[X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)
be paid or these claims cancelled by antenumen prior to disc, and any notice of fee deficiency (37 C.F.R. Section 1.16(e)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action  [] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  [] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time (for the appropriate length of time. An authorization to charge all required fees, fees under Section for a concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission of time fees afforth in Section 1.17(a) will also be treated us a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.136(a)(3).			[ ] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)
declaration on a date later than the filing date of the application)  [1] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).  [X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section for a call required extension of time fees will be treated as a constructive petition for an extension of time in an concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.136(a)(3).  37 C.F.R. Section 1.136(a)(3).	NOTE	be paid	for these claims cancelled by amendment prior to the explaint be best not to authorize the PTO to charge
[X] 37 C.F.R. Section 1.17 (application processing fees)  NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time propriate length of time. An authorization to charge all required fees, fees under Section for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section concurrent or future reply requiring a petition for an extension of time in this paragraph for its timely submission submission of the fees of porth in Section 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. 37 C.F.R. Section 1.136(a)(3).			<ol> <li>37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)</li> </ol>
NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, see under Section for extension of time for certain concurrent or future reply requiring a petition for an extension of time to make this paragraph for its timely submission concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission after the set forth in Section 1.17(a) will also be treated us a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.  37 C.F.R. Section 1.136(a)(3).			[ ] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).
requiring a petition for an extension of time under time by a characteristic to charge all required fees, fees under Section for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under Section 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time under this paragraph for its timely submission concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.  37 C.F.R. Section 1.136(a)(3).			
[ ] 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance	NOTE	requir for ext 1.17, concu Submi	ring a petition for an extension of time have runs placed and perfect of the appropriate length of fine an authorization to charge all required fees, fees under Section ension of time for the appropriate length of fines a constructive petition for an extension of time in any or all required extension of time (see will be treated as a constructive petition for an extension of time under this paragraph for its timely submission, unsent or future reply requiring a petition for an extension of time was constructive petition for an extension of time (so constructive petition for an extension of time under this paragraph for its timely submission." F.R. Section 1.136(al/3).
pursuant to 37 C.F.R. Section 1.511(01)			[] 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. Section 1.311(b))

Method of Payment of Fees

Check in the amount of \$\_\_\_\_\_690.00\_.

14.

[X]

- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance 37 CFR Section 1311(b).
- NOTE 37 C.F.R. Section. J. 28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application...prior to paying, or at the time of paying, sastie fee." From the wording of 37 C.F.R. Section. J. 28(b), (a) notification of change of status must be made even if the fee is spaid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

## 16. Instructions as to Overpayment

- NOTE "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. Section 1.26(a).
  - ☑ Credit Account No. <u>12-0425</u>.

[ ] Refund

SIGNATURE OF PRACTITIONER

Reg. No.33,778

Tel. No.: (212)708-1935

Customer No.:

JANET I. CORD
(type or print name of practitioner)

LADAS & PARRY

P O Address

26 WEST 61<sup>ST</sup> STREET NEW YORK, N.Y. 10023

# [X] Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

	[X]	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed  Number of pages added5					
	[]	Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added					
	[]	Plus added pages deleting names of inventor(s) named on prior application(s) who is/ar no longer inventor(s) of the subject matter claimed in this application.  Number of pages added					
	[]	Plus "Assignment Cover Letter Accompanying New Application" Number of pages added					
]		Statement Where No Further Pages Added					
	(if no checi	(if no further pages form a part of this Transmittal, then end this Transmittal with this page an check the following item)					
	[]	This transmittal ends with this page.					



Added page \_\_\_\_\_

(Added Page(s) for Special Comments for New Application Transmittal)

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

#### 17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 355(c) (33 U.S.C. 134(a)) 200s and take into account, for the determination of the patent term, any application on which priority is channed under 35 U.S.C. 119, 365(a) or 365(b) I.F. or a c-p- application, applicant should review whether any claim in the part that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995. On Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

#### A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[ ] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE
/	
and incorporates the same by reference."	

#### B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. ... Cross-references to other related applications may be made when appropriate." (See § 1.14(a)) 37 CF.R. § 1.78(a)(2).

[X]	"This application is a				
1	[ ] continuation				
1	[X] continuation-in-part				
	[ ] divisional				
of co	copending application(s)				
[X]	09/248,381 filed <u>FEBRUARY 11, 1999</u> filed <u>OCTOBER 8, 1996</u> .	which is a Cir of application.			
[ ]	which is International Application	filed on	and which		
	claims the benefit thereof and incorporates t	he same by reference."			
OTE:	E. The proper reference to a prior filed PCT application that entered the U.S. national phase is the U.S. serial number and the filing date of the PCT application that designated the U.S.				
OTE:	(1) Where the application being transmitted adds subject matter to the international Application, then the filing can be as a continuation-in-part or (2) if it is desired to do so for other reasons then the filing can be as a continuation.				
OTE:	of April 28, 1987 (1079 O.G. 32 to 46) as follows:				
	"The Patent and Trademark Office considers the Inte the priority date if the United States has been designan has been filed prior to the expiration of the 19th mo priority date if a Demand for International Prelimina been filed prior to the expiration of the 19th month fr application has been communicated to the Patent respectively. If a copy of the international application within the 20 or 30 months from the priority date respect (h) of § 1.494 and paragraph (t) of § 1.495. A contin anytime during the pendency of the international ap,	with from the priority date and until ry Exammation which elected the Un- own the priority date, provided that a and Trademark Office within the has not been communicated to the Pat international application becomes ab- viety. These periods have been placed uning application under 35 U.S. C. 36	the 32nd month from the tied States of America has copy of the international 20 or 30 month period tent and Trademark Office andoned as to the United (in the rules as paragraph		
[	1 "The nonprovisional application designated	d above, namely application , filed	_, claims the benefit of		
	U.S. Provisional Application(s) No(s).:				
A DDI	PLICATION NO(S).:		FILING DATE		
			,,		
	/		,,		
			,,		
	1. Where more than one reference is made ab	ove please combine all referer	ices into one senience.		

# 18. Relate Back-35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

INDIA INDIA		343/DEL/98 342/DEL/98	FEBRUARY 11, 1998 FEBRUARY 11, 1998
Country		Appln. no.	Filed
The	certified copy(ies) ha	s (have)	
	been filed on		n, which was filed
[]	is (are) attached.		
	Bureau may not be re- application. This is set Bureau is placed in a folders are disposed of if needed later in the priority documents fr request transfer, retri a record of such cop folders of internation April 28, 1987 (1075	ned on without on; we we of the priority is folder and is not assigned a U.S. serial m (of the main stage is not entered. There prosecution of a continuing application A on the folders, make suitable record notice is in the Continuing Application A and and transfer them to the cover the folders, make suitable record notice is in the Continuing Application are subsulaplications that have not entered the O.G. 32 to 46).	communicated to the PTO by the International pp of the priority application in the continuing application communicated by the International index unless the national stage is entered. Such fore, such certified copies may not be available in alternative would be to physically remove the stuning application. The resources required to ons, transfer the certified copies, enter and make tantial. Accordingly, the priority documents in national stage may not be relied on. Notice of
19. Ma	aintenance of Copenc	lency of Prior Application	
NOTE:	The PTO finds it useful if with the papers constituti	a copy of the petition filed in the prior app ng the filing of the continuation applicatio	dication extending the term for response is filed on. Notice of November 5, 1985 (1060 O.G. 27).
A.	[ ] Extension of tim	e in prior application	
(This	s item <b>must</b> be comple	ted and the papers filed <b>in the pric</b> prior application has run	or application, if the period set in the .)
	[ ] A petition and fe	ee extends the term in the pending	prior application until
	[ ] A copy of the	ne petition filed in prior application	n is attached.
В.	. [ ] Conditional Pet	ition for Extension of Time in Prio	r Application
	[ ] A conditional pe	etition for extension of time is bein	g filed in the pending <b>prior</b> application.
	[ ] A copy of t	he conditional petition filed in the	prior application is attached.
C	. [ ] No extension is [ ] Issue Fee p	necessary in Prior Application	

# 20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a) [] This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are
[ ] the same.
[ ] less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:
(type name(s) of inventor(s) to be deleted)
(b) [] This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are
[ ] the same.
[ ] the following additional inventor(s) have been added:
(type name(s) of inventor(s) to be deleted)
(c) [ ] The inventorship for all the claims in this application are
[ ] the same.
[ ] not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
[ ] is submitted.
[ ] will be submitted.
21. Abandonment of Prior Application (if applicable)
[] Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.

NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the

granting of a filing date to the continuing application.

# 22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

WARNING: "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b).

NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and

NOTE: Where it is possible that the extains while while get one get some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary.
(check the next item, if applicable)
[ ] There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)
23. Small Entity (37 CFR § 1.28(a))
[ ] Applicant has established small entity status by the filing of a statement in parent application on
[ ] A copy of the statement previously filed is included.
WARNING: See 37 CFR § 1,28(a).
24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING
[ ] A notification of the filing of this (check one of the following)
[ ] continuation
[ ] continuation-in-part

is being filed in the parent application, from which this application claims priority under 35 U.S.C.  $\S$  120.

[ ] divisional